19980623.qrp v01_n131.qrs.980623

Date: Tue, 23 Jun 1998 19:03:14 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 1131

QRP-L Digest 1131

Topics covered in this issue include:

  1) [13663] Re: SGC-2020
     by Wayne Montague <montaw@tdbank.ca>
  2) [13664] Solar: FD Countdown
     by Paul Harden <pharden@aoc.nrao.edu>
  3) [13665] N7MFB back on line
     by Bill Todd <bill@willapabay.org>
  4) [13666] Re: FD- Bug Juice Alert!
     by RangerSF5@aol.com
  5) [13667] Re: Peanut whistle URL
     by KB9RPD@aol.com
  6) [13668] Argonaut 509 is sold.
     by "Larry Laffoon" <w3rl@email.msn.com>
  7) [13669] Re: Argo noise blanker
     by Jim Lowman <jmlowman@ix.netcom.com>
  8) [13670] "Don't Get Lost" (try GPS!)
     by Conrad <radman@best.com>
  9) [13671] QRP backpacking
     by Armstrongs <barmstrong@mail.SISNA.com>
 10) [13672] Re: Mineral Oil or Mineral Spirits
     by Lee Bahr <w5drc@ix.netcom.com>
 11) [13673] TNX to all for help with UC3906...
     by "Gary M. - W2UX" <mail4gary@worldnet.att.net>
 12) [13674] RE: "Don't Get Lost" (try GPS!)
     by Rich Mulvey <mulveyr@mulveyr.roc.servtech.com>
 13) [13675] Re: FD- Bug Juice Alert!
     by Don Bowen <don.bowen@chrysalis.org>
 14) [13676] Re: Elmer 101 - extra hole
     by wa8rxi@juno.com (Rick Arzadon)
 15) [13677] Re: FD- Bug Juice Alert!
     by RangerSF5@aol.com
 16) [13678] ARGO Noise Blanker
     by "Ken & Linda Burrough" <ne0c@1st.net>
 17) [13679] Re: Fw: Fw: GQRP - SGC SG2020
     by Ed Tanton <n4xy@att.net>
 18) [13680] Great Elmering - 2N2222 Crystal Filter
     by Gary Hanson <ghanson@uts.cc.utexas.edu>
 19) [13681] Backpackin' wire

by "J. Skalski" <jskalski@acsu.buffalo.edu>
20) [13682] Re: Capacitors for antenna tuners
by David Gauding <david.gauding@bbs.galilei.com>
21) [13683] QRP DX'ing
by joel malman <malman@world.std.com>
22) [13684] Re: Capacitors for antenna tuners
by Charlie Lofgren <clofgren@BENSON.MCKENNA.EDU>
23) [13685] Field Day List III
by camqrp@cyberg8t.com (Cam Hartford)
24) [13686] RE: Gap Review
by aweiss@usd.edu (A. Weiss)
25) [13687] Label removal - another suggestion
by "Rich Dailey, KA8OKH" <ka8okh@som-uky.campus.mci.net>
26) [13688] re: Reference Book
by "Rich Dailey, KA8OKH" <ka8okh@som-uky.campus.mci.net>
27) [13689] RE: Noise Bridges
by aweiss@usd.edu (A. Weiss)
28) [13690] "Re: KnightSMITe station in a shoe polish can"
by aweiss@usd.edu (A. Weiss)
29) [13691] RE: Gap review in Rad Com
by Monte Stark <ku7y@dri.edu>
30) [13692] RE QRP DX'ING
by jdenison@morelr.com (JOEL DENISON)
31) [13693] Re: mfj LINEAR
by aa5yx@juno.com (John Harper AA5YX/2)
32) [13694] Appalachian Train and 7.040 megacycles
by aa5yx@juno.com (John Harper AA5YX/2)
33) [13695] Re: FD- Bug Juice Alert!
by "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
34) [13696] Re: Mineral Oil or Mineral Spirits
by "j.w. thornton" <dub@oklahoma.net>
35) [13697] Elmer 101 where did my RF go?
by "Edward A Kwik jr" <eakwikjr@hti.com>
36) [13698] Re: Super Glue - heat
by "j.w. thornton" <dub@oklahoma.net>
37) [13699] Re: Super Glue - heat
by Ed Tanton <n4xy@att.net>
38) [13700] Re: Label removal - another suggestion
by Chris Trask <ctrask@primenet.com>
39) [13701] SIMPLE PORTABLE ANTENNA (long)
by ARDUJENSKI@aol.com
40) [13702] RE: GAP Review part II
by Larry Cruise <Larry.Cruise@MCI.Com>
41) [13703] emoticons
by John Paul Keon <jpkeon@bellsouth.net>
42) [13704] OHR Explorer II 30 Meter CW XCVR KIT - UNBUILT
by Brian Short <bshort@speedchoice.com> (by way of "Brian K. Short"
<bshort@speedchoice.com>)

43) [13705] FS: Index Labs QRP Companion
    by "Jim Johnson" <km7h@gte.net>
44) [13706] National Amateur Radio Week...?
    by KB0VCC/1 <kb0vcc@rocketmail.com>
45) [13707] EDZ DOES THE TRICK
    by ARDUJENSKI@aol.com
46) [13708] Re: KnightSMiTe Mods disappointment
    by "Jay Heffner" <cjayheff@erols.com>
47) [13709] More Teflon-insulated wire
    by aa5yx@juno.com (John Harper AA5YX/2)
48) [13710] Argonaut 509 for sale.
    by Dameador@aol.com
49) [13711] Re: FD- Bug Juice Alert!
    by Monte Stark <ku7y@dri.edu>
50) [13712] Elmer101: typo in part 7
    by Michael Maiorana <mikemo@ibm.net>
51) [13713] Re: Elmer 101 where did my RF go?
    by Michael Maiorana <mikemo@ibm.net>
52) [13714] Superglue conductive?
    by "DJ Rock" <b2bn@hotmail.com>
53) [13715] Re: FD- Bug Juice Alert\!
    by "Ed Hare, W1RFI" <ehare@arrl.org>
54) [13716] Re: KnightSMiTe Mods disappointment
    by W7LS <w7ls@blarg.net>
55) [13717] RE: Superglue conductive?
    by "Kevin Muenzler WB5RUE" <wb5rue@stic.net>
56) [13718] Re a sad announcement
    by RangerSF5@aol.com
57) [13719] WA3ENK Conveter kits, still available?
    by MKBalvanz@aol.com
58) [13720] << Confused >>
    by Art Marshall <artm@t-com.com>
59) [13721] Re: Argo noise blanker
    by Tellefsen Bob-CNSE97 <cnse97@lmpsil02.comm.mot.com>
60) [13722] Re: Label removal - another suggestion
    by DENNISMO@aol.com
61) [13723] Re: sending signals thru the earth
    by "Richard E. Robinson" <rerobins@email.uncc.edu>
62) [13724] Re: sending signals thru the earth
    by Mike Martin <mmartin@netins.net>
63) [13725] Re: sending signals thru the earth
    by Bob Hightower <ki7mn@dancris.com>
64) [13726] Re: sending signals thru the earth
    by "Vincent Ferme" <vferme@sprint.ca>
65) [13727] SG2020
    by Jim <kj5tf@madisoncounty.net>
66) [13728] Re: Label removal - another suggestion
    by plundy@max.state.ia.us (Paul Lundy)

 67) [13729] SG2020 vs QRP+ power drain
     by Jim <kj5tf@madisoncounty.net>
 68) [13730] Re: SGC-2020
     by nilsbull@juno.com (Nils R Young)
 69) [13731] Where the (*^&* is bob? Disk crash, 6 mo email lost. Ignore unless
wondering.
     by "Bob Duckworth" <wb4mnf@atl.org>
 70) [13732] Re: sending signals thru the earth
     by "Brian.Buydens@usask.ca" <buydens@duke.usask.ca>
 71) [13733] RE SENDING SIGNALS THRU EARTH
     by jdenison@morelr.com (JOEL DENISON)

Date: Mon, 22 Jun 1998 19:09:53 -0400
From: Wayne Montague <montaw@tdbank.ca>
To: qrp-l@Lehigh.EDU
Subject: [13663] Re: SGC-2020
Message-ID: <358EE441.64F1@tdbank.ca>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Some Comments -

A buddy of mine checked into his local HRO a few weeks ago and enquired
about the SG2020. He was told that SGC has 7 months of back orders for
the radio.

Some weeks ago I enquired at HRO, and was told that no dealer expects to
have an SG2020 on the shelf (at that time) until well past the end of
Summer.

I have one on order. What seems to be happening is that dealers take the
order and you go into the queue for a radio that is shipped directly
from the factory.

I am prepared to cut SGC some slack on this one. I think the demand has
simply overwhelmed them, and I doubt if they enjoy the situation of a
large back order coupled with frustrated potential customers. Yes,
perhaps SGC could of handled the situation better, but I see no signs of
duplicity. I think that they are working hard to meet their obligations
and to their credit are taking the heat rather than push radios out the
door.

If the above is even approximately correct, as an SG2020 customer I may
be a little frustrated, but I can accept the situation.

Wayne
VE3EFJ

Date: Mon, 22 Jun 1998 17:27:34 -0600 (MDT)
From: Paul Harden <pharden@aoc.nrao.edu>
To: qrp-l@Lehigh.EDU
Subject: [13664] Solar: FD Countdown
Message-ID: <Pine.SOL.3.91.980622165905.13054A-100000@zia>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

> JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
> SDF NUMBER 173 ISSUED AT 2200Z ON 22 JUN 1998

> IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 21/2100Z
> TO 22/2100Z: SOLAR ACTIVITY WAS LOW. REGION 8243 (N17W51) GENERATED
> A C2/SF FLARE WITH ASSOCIATED TYPE II AND IV RADIO SWEEPS AT
> 22/0443Z. THE REGION HAS BEEN STABLE SINCE, AND IS CURRENTLY
> CLASSIFIED AS A 15-SPOT 'DHO' BETA GROUP.

A Type II radio sweep is caused by the shockwave of the disturbance traveling outward from the sun through the corona. The further away from the sun it gets, the lower in frequency the sweep is heard. The general range starts about 200-400 MHz, and can cause sweeps around 10MHz if energetic enough to travel about 3 radii from the sun. The radio sweeps travel downward in frequency. In the case of Type II's, the radio emissions sweep downward about 2MHz per second, and often called "slow sweeps." (Type I's sweep about 10 MHz per second). It sounds like bursts of static, almost like slow ignition noise, as the sweeps go past your frequency.

A Type IV storm is continuum noise generated over a wide range of frequencies, from around 400 MHz down to around 10MHz (or below). It sounds like an elevation in noise level for 10-30 minutes.

A "DHO" Beta group is a sunspot spot with magnetic fields connecting the spots (known as a bipolar field, or BETA group). The DHO classification means:

  D - Bipolar fields, with penumbra around the spots on each end of the
      fields (i.e., on each magnetic polarity)
  H - The penumbra around the spots is large and symmetric, >2.5 degrees
  O - Open spot fields -- meaning the area between the two sun spots where

the field leaves and enters is empty (no spots inbetween).

> NEW REGION 8253 (N18E76),
> A SINGLE SPOT 'HSX' ALPHA, WAS NUMBERED TODAY.

An ALPHA group are sunspot groups with only UNIPOLAR fields ... that is,
the magnetic field is confined to a single spot only.
  H - Unipolar field with penumbra around a single spot
  S - Symmetrical, circular penumbra around a compact cluster or spot
  X - Single sun spot (not a cluster of spots)

Some astronomer stayed up all night thinking up all these cute categories!

Frankly, none of this is especially interesting, or threatening. Just a
couple of new areas on the sun that MIGHT develop into active regions over
the next few days. The WORST scenario would be a major M-class or X-class
flare about mid-day thursday ... the increase in solar wind and particle
radiation would reach the earth saturday morning, tossing us into a major
geomagnetic storm.

IN OTHER WORDS ... you could kiss-off FIELD DAY :-)

But nothing at this point suggests *that* rapid of growth with these spots.

> IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE VERY
> LOW TO LOW, WITH REGION 8243 STILL CAPABLE OF ISOLATED C-CLASS
> EVENTS.

> IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 21/2100Z TO 22/2100Z:
> THE GEOMAGNETIC FIELD HAS BEEN QUIET TO UNSETTLED AT MIDDLE LATITUDES
> AND QUIET TO ACTIVE AT HIGH LATITUDES FOR THE PAST 24 HOURS.

> IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS
> EXPECTED TO BE QUIET TO UNSETTLED FOR THE NEXT THREE DAYS.

> IV. PENTICTON 10.7 CM FLUX
> OBSERVED   22 JUN 101
> PREDICTED   23 JUN-25 JUN 101/102/104
> 90 DAY MEAN   22 JUN 107

> V. GEOMAGNETIC A INDICES
> OBSERVED AFR/AP 21 JUN 013/015
> ESTIMATED AFR/AP 22 JUN 008/010
> PREDICTED AFR/AP 23 JUN-25 JUN 005/008-005/008-010/010

72, Paul NA5N

Date: Mon, 22 Jun 1998 16:49:45 -0700
From: Bill Todd <bill@willapabay.org>
To: nwq-l@scn.org
Cc: qrp-l@Lehigh.EDU
Subject: [13665] N7MFB back on line
Message-ID: <1.5.4.32.19980622234945.0070cf60@willapabay.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hello folks -

I am back on line after a few weeks. Yes, I did graduate from college as planned, so now I must enter the real world of the employed. Yikes!

I don't know about you...but I am getting really excited about Field Day this weekend. I have already tested out a 2 element 40 meter wire Yagi that is guaranteed to work the world (ha).

My wife is (already) having a hard time getting me to do household chores. she is used to it however. Every year, it's the same story...

1. Check to see if I can find all my various lengths of coax, and that the connectors are still connected (ha).
2. Check to see if my 10 meter and 6 meter yagi's are still where I left them last year.
3. Check with the neighbors to see if I can scrounge up some tents for the operating positions.
4. Try to find out if there is a Novice or Tech who wants to visit us in Bay Center, WA.
5. etc.

Anyway, I hope the rest of you are getting psyched.

CUL, Bill-N7MFB
--
http://www.willapabay.org/~bill
ICQ me at #8926298

Date: Mon, 22 Jun 1998 19:52:38 EDT
From: RangerSF5@aol.com
To: n0tu@webaccess.net
Cc: qrp-l@Lehigh.EDU

Subject: [13666] Re: FD- Bug Juice Alert!
Message-ID: <674df498.358eee47@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

In a message dated 98-06-22 18:41:02 EDT, you write:

<<

 BTW - recently I've read that 30% deet bug juice works as good as the 100%
 stuff and doesn't eat your synthetic clothing up as fast or cause you to go
 insane as quick.... right Nils?
.....
.....
Just my 2 cents worth here on Deet.
100%,?
Not me
I'd rather scratch
Bob
WA2HOQ

Date: Mon, 22 Jun 1998 19:58:31 EDT
From: KB9RPD@aol.com
To: qrp-l@Lehigh.EDU
Subject: [13667] Re: Peanut whistle URL
Message-ID: <6ed75f2c.358eefa8@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Has anyone tried/used the peanut whistle?

73, Ted KB9RPD

Date: Mon, 22 Jun 1998 20:10:21 -0400
From: "Larry Laffoon" <w3rl@email.msn.com>
To: <qrp-l@Lehigh.EDU>
Subject: [13668] Argonaut 509 is sold.
Message-ID: <0712f3009001768UPIMSSMTPUSR06@email.msn.com>

The radio, power supply and antenna tuner have all been sold. Thanks all!

Larry, w3rl@msn.com

Date: Mon, 22 Jun 1998 17:27:42 -0700
From: Jim Lowman <jmlowman@ix.netcom.com>
To: qrp-l@Lehigh.EDU
Subject: [13669] Re: Argo noise blanker
Message-ID: <358EF67E.4FDA3B96@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

> Paul Meier wrote:
> >
> > Anyone know how to subscribe
> > or post to the Ten Tec reflector? Thanks for your help.

Paul-send e-mail to: majordomo@contesting.com

In the body of your message, put:

subscribe tentec

That should do it!

I could have subscribed you to the list up until yesterday. I
had been the substitute administrator while Ed was on vacation.

72 de Jim - AD6CW

Date: Mon, 22 Jun 1998 17:41:37 -0700
From: Conrad <radman@best.com>
To: "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.EDU>
Subject: [13670] "Don't Get Lost" (try GPS!)
Message-ID: <01BD9E05.02CA9D60.radman@best.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Gang,

In the July issue of "Field & Stream" (West Edition) you'll
find an excellent starting point re: wilderness navigation,
maps, compasses & GPS. If you're new to this sort of info
or simply lost and confused, it's good reading. Good
sections on "no-help" navigating and disorientation.
There's mini-reviews on hand-held GPS units and the
articles are written for a group of folks (hunters and
fisherman) who really *do* get lost a lot. (pgs 47-59)

Also, check out the 12 Volt "Booster Pac" on pg 23... might
be nice for Field Day, etc.

My 2 cents... if I were heading way out in the boondocks
I'd rather pack TWO $100 GPS units than a ONE fancy $300
GPS unit. (Stuff breaks...! Redundancy ya know?)

72 - Conrad Weiss - NN6CW

Date: Fri, 12 Jun 1998 04:12:34 -0600
From: Armstrongs <barmstrong@mail.SISNA.com>
To: "QRP-L List" <qrp-l@Lehigh.EDU>
Subject: [13671] QRP backpacking
Message-ID: <1.5.4.32.19980612101234.006aa348@mail.SISNA.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

N7XJ's complete QRP list for backpacking:

SST (appropriate band)
Whiterook keyer + cable (24 guage wire)
Ear buds (High quality ... the junk ones are junk)
a few 3X5 cards to use as a log book + pencil
AA nicad battery pack
Solar panel (if needed) and hookups

Ultralight tuner (Homebrew) with Dan Tayloe SWR bridge - 3 oz.
RG 174 interconnect cable with miniature BNC connectors
2 6 inch wire leads with alligator clips on each end for emergency use
2 ounce RS pocket digital multimeter ... if I'm going to be gone more than a
few days.

Antenna:
As appropriate for band. Lately I have returned to simple dipoles. I make

them out of insulated wire and put a loop in the end to act as an insulator.
Coax if needed. (I use lightweight RG58)
String to hold up the antenna. Safety pins provide an easy way to attach
string to the "insulator" loops in my antenna.

I put my rig in a Tupperware (R) type food container with foam in the bottom
to protect it from being bounced and smashed.

The battery and antenna are the heavy parts. Tnx to Joe G. for the idea of
using teflon wire to make antennas ... except I don't know where to find
any. I've used 28 guage magnet wire successfully. It is very light but it
breaks too easily. Stranded hookup wire is also very satisfactory, but is
hard for me to find. The solid stuff is no good at all.

If anyone knows a source of small guage teflon wire, send it to the list!

Date: Mon, 22 Jun 1998 19:53:59 -0500
From: Lee Bahr <w5drc@ix.netcom.com>
To: mgemm@mtechnologies.com
Cc: qrp-l@Lehigh.EDU
Subject: [13672] Re: Mineral Oil or Mineral Spirits
Message-ID: <358EFCA7.A3366F8E@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I would like to share what Marshall Emm wrote me. I have been using Mineral
Spirits. Marshall feels Mineral Oil is different and would be better suited
as transformer oil. Thanks for your input Marshall. Lee/w0vt

Marshall Emm wrote:

> >>paint department, in gallon cans. The bottle I have is labeled:
> "Oderless Mineral Spirits", in a 16oz. pint clear bottle. I don't remeber
> where I got it but it has a brand on it called Klean Strip sold byW. M.

> Barr & Co. Inc.,<<
>
> Now I'm REALLY confused. Mineral Spirits and Mineral Oil are *not* the
> same thing, at least in this part of the country. Mineral Spirits is
> synthetic turpentine, used as a paint thinner and solvent. Mineral Oil is
> an oil, is safely ingested in small quantities (even prescribed
> medicinally sometimes) and I use it for oiling cutting boards and
> wooden knife handles.
>
> Mineral Oil IS used in dummy loads and transformers, Mineral Spirits would
> be just a bit risky since it has a much lower flash point.
>
> Oddly, either one can be used to remove adhesive stickers, but I suspect
> that's about the only overlap in functionality! If your Dr. tells you to
> take a tsp of mineral oil, I would not suggest taking mineral spirits
> instead [g].
>
> 73
> Marshall Emm
> N1FN/VK5FN
> n1fn@MorseX.com
> Morse Express
> "Everything for the Morse Enthusiast"
> http://www.MorseX.com
> (303)752-3382
> --

Date: Mon, 22 Jun 1998 21:08:35
From: "Gary M. - W2UX" <mail4gary@worldnet.att.net>
To: qrp-l@Lehigh.EDU
Subject: [13673] TNX to all for help with UC3906...
Message-ID: <3.0.3.16.19980622210835.3c4727be@postoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Again the list comes thru. Many good replies. One list member had an
extra that he is sending me....what a great group on the QRP-L. For anyone
else wanting one......here is what I found out.
==========
You can get them from Jade:
jadepro@jadeprod.com
Subject: UC3906

We carry the UC3906, it is $7.00 plus shipping, I think shipping and handling is $3.50 for just a chip. If you can't find one, please let us know, or if you would like a catalog, let us know.

72'

Dennis, K1YPP
==========
Also, but I did not try this source, from a Unitrode distributor.

Unitrode website: http://www.unitrode.com/
Distributor:EBV Electronics
e-mail: ebv_info@ebv.memec.com
(800) 556-0225

==========

Thanks Gang,
Gary

==========
72/73 de W2UX
Gary McCaughey
Lexington, SC
CW is the REAL THING!
Use it....or lose it.
QRP-ARCI QRP-L CQC
==========

Date: Mon, 22 Jun 1998 21:37:03 -0400 (EDT)
From: Rich Mulvey <mulveyr@mulveyr.roc.servtech.com>
To: aa2ys@dcap.monroe.edu
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [13674] RE: "Don't Get Lost" (try GPS!)
Message-ID: <XFMail.980622213703.mulveyr@mulveyr.roc.servtech.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 8bit
MIME-Version: 1.0

On 23-Jun-98 Conrad wrote:
>
> My 2 cents... if I were heading way out in the boondocks
> I'd rather pack TWO $100 GPS units than a ONE fancy $300

> GPS unit. (Stuff breaks...! Redundancy ya know?)
>

   Not to mention that having more electronic *stuff* is always more fun.
(Too bad my wife doesn't agree...)

   Along those lines - I had posted a few weeks ago that I was going to be taking a QRP digital hike for a week. I'm looking for anyone who has PACTOR capabilities on 20M to collect some of the data I'll be collecting and forwarding it up to an online topographic map on the net. (You basically just need to e-mail the file you receive to my machine, and the software will do the rest) The trip will be at the end of July. Any takers?

- Rich

--
Rich Mulvey
My return address is my last name,
   followed by my first initial, @mulveyr.roc.servtech.com
http://mulveyr.roc.servtech.com
Amateur Radio: aa2ys@wb2wxq.#wny.ny.usa

Date: Mon, 22 Jun 1998 20:47:22 -0700
From: Don Bowen <don.bowen@chrysalis.org>
To: RangerSF5@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [13675] Re: FD- Bug Juice Alert!
Message-ID: <358F254A.7D6A@chrysalis.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Don't need DEET! Try Shaklee Basic H (a liquid soap - just rub some on, it's harmless, and it'll wash off!) or Avon Skin So Soft (aromatic, but not unpleasant). Believe me, they both keep chiggers, ticks, mosquitoes - and just about everything else - away. I am not in any way affilliated with either Shaklee or Avon but, by golly, both work. I've used one or the other for years especially on field day.

BTW, neither will harm monofilament line.

Don Bowen
K5LHO

RangerSF5@aol.com wrote:
>
> In a message dated 98-06-22 18:41:02 EDT, you write:
>
> <<
>
> BTW - recently I've read that 30% deet bug juice works as good as the 100%
> stuff and doesn't eat your synthetic clothing up as fast or cause you to go
> insane as quick.... right Nils?
> .....
> .....
> Just my 2 cents worth here on Deet.
> 100%,?
> Not me
> I'd rather scratch
> Bob
> WA2HOQ

Date: Mon, 22 Jun 1998 22:13:49 EDT
From: wa8rxi@juno.com (Rick Arzadon)
To: "n3at@epix.net"@epix.net
Cc: qrp-l@Lehigh.EDU
Subject: [13676] Re: Elmer 101 - extra hole
Message-ID: <19980623.022312.7327.0.WA8RXI@juno.com>

Lamar,
That is a ground point for the XTAL's (Y1 thru Y4).
It is mentioned on page 7 (summary of changes). Bullet #4 "to reduce
filter 'blow by'"
GL es 72, Rick WA8RXI.

On Mon, 22 Jun 1998 16:00:28 -0400 "C. Lamar Derk"
<"n3at@epix.net"@epix.net> writes:
>There is a hole between RFC 1 and D1 on my pc board for SW 40+ that
>apparently has no real purpose in being there. Am I correct in
>assuming
>this, or have I done something in installing parts that should not
>have
>been done? I think I have been careful in the process. Any help out
>there would be greatly appreciated.
>
>72 de Lamar, N3AT
>
>

_____
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Get completely free e-mail from Juno at http://www.juno.com
Or call Juno at (800) 654-JUNO [654-5866]

Date: Mon, 22 Jun 1998 22:16:42 EDT
From: RangerSF5@aol.com
To: don.bowen@chrysalis.org
Cc: qrp-l@Lehigh.EDU
Subject: [13677] Re: FD- Bug Juice Alert!
Message-ID: <480801fa.358f100b@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

I never used *skin so soft* but the gang from Back Packer magazine who test
various outdoor products say it's on the bottom of the list.
Others swear by it.Still,others say bleach mixed with vinigar(WHEW!)
Bob
WA2HOQ

Date: Mon, 22 Jun 1998 22:17:24 -0400
From: "Ken & Linda Burrough" <ne0c@1st.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [13678] ARGO Noise Blanker
Message-ID: <000e01bd9e4d$2580a460$c106f0d1@ne0c.1st.net>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Paul WA7MIG asked about the Ten-Tec noise blanker for the Argo 556. I have
the Ten-Tec noise blanker in my Argo 556 and it does work on the electric
fence noise. However a strong near by signal will cause overload and
additional noise. This happenes during the QRP contests on 160, 80 and 40
meters and the QRO stations are in there also. Other then the overload by
strong near by stations the blanker works well.

72 from the Buzzard Roost--Ken/ne0c--QRP-L 1524

Date: Mon, 22 Jun 1998 22:36:40 -0400
From: Ed Tanton <n4xy@att.net>
To: Stan Yarema <bg783@scn.org>
Cc: "Brian K. High" <kv9x@scn.org>, QRP-L Reflector <qrp-l@Lehigh.EDU>
Subject: [13679] Re: Fw: Fw: GQRP - SGC SG2020
Message-ID: <3.0.5.32.19980622223640.00c40df0@postoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Stan... I wanted to comment on the key clicks... when confirming that the slight chirp noted earlier was indeed present, I listened to my '2020 with my son sending, and found no key clicks-even if I DID hear the small chirp on the leading edge of a given character... this with the radio on 40M, at 5W & 20W out, and listening on both a Collins 51S-1 and a RACAL RA6790/GM-with both operating from an Dymek DA-100 Active Antenna-which should have-if anything-amplified any clicks. So I'm not certain what the source of your clicks was.

I'm not surprised on the ALC overshoot-the audio really kicks... and that will have to be watched carefully by those desiring to 1)not splatter; and 2) remain with a particular power level for the purpose of contesting/etc.

I STILL don't understand you guys and the relay clicks bothering you... I have my audio up loud, can't hear it with headphones, and don't care when it's on speaker-I know that it's some kind of 'to each his own' thing... but... oh well.
73

____
Ed Tanton   N4XY   EMAIL: n4xy@att.net
189 Pioneer Trail
Marietta, GA 30068-3466   TEL: (770)579-3933 V/MBX/FAX
____
INTERESTS: QRP   BoatAnchors   Test Equipment   Photography
CW: 99.9%   Mercury Paddle # 0214   QRP to 150W: 95%
~~~~~~
"Think you can, think you can't: either way you're right!"   Henry Ford
~~~~~~

Date: Mon, 22 Jun 1998 22:38:44 -0400
From: Gary Hanson <ghanson@uts.cc.utexas.edu>
To: qrp-l@Lehigh.EDU

Subject: [13680] Great Elmering - 2N2222 Crystal Filter
Message-ID: <83DD74A5.6B65@uts.cc.utexas.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hey Gang,

Just had to report what really great "Elmering" advice I got last week in response to my query about my 2N2222 crystal filter design problem. I had just managed to see a sine wave coming out of my 4-pole Cohn crystal filter, but it had pretty bad ripple (even though I didn't know what I was seeing at the time). Seven different guys spotted the problem and gave me really consistent advice about where to look: mismatched crystals (they weren't), poor/improper termination (big problem here) and wrong caps for the design I was trying. Glen Leinweber, James Duffey, Gene Hall, Tony Fishpool (from across the pond), Kent Torell and Ori Mizrahi-Shalom all gave me helpful hints. Thanks guys!

This weekend I tinkered with the design by adding 10uh rf coils at both the input and output, raised the value of the caps to reduce the bandwidth and changed the termination load,on both the input and output side. WOW!!! what a difference. I now have a 4-pole filter with about a 250 Hz bandwidth and I can't see any ripple effects on my scope. I suspect they may be some there but my inexpesive scope can't pick it up. I am one proud dude so I tip my hat to all those guys who had been there done that and were willing to share. Makes my fun all the more enjoyable...and I couldn't have done it without ya'.

Now on to the BFO and product detector (got some good advice there too). Boy, I can almost hear the signals coming through the ear phones already.

Cheers,

Gary, KF5VW

Date: Mon, 22 Jun 1998 22:44:12 -0400 (EDT)
From: "J. Skalski" <jskalski@acsu.buffalo.edu>
To: qrp-l@Lehigh.EDU
Subject: [13681] Backpackin' wire
Message-ID: <Pine.GSO.3.96.980622223845.29426B-100000@hercules.acsu.buffalo.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

There is renewed interest in TFE wire. Maybe we need a contest pertaining to uses of TFE wire :-) I would regain full use of my basement.

If you need any; send a note and I will forward the particulars from a previous post.

basically:
10 rolls 50' = 500 ft total shipped for $20 via priority mail.
               I will try to supply 5 or more different colors.

73,

Jim N2GO
The Buffalo QRP CONNECTION
ARCI #9013 QRP-L #381
Life member ARRL
jskalski@acsu.Buffalo.EDU

Date: Mon, 22 Jun 1998 21:58:09 -0500
From: David Gauding <david.gauding@bbs.galilei.com>
To: qrp-l@Lehigh.EDU
Subject: [13682] Re: Capacitors for antenna tuners
Message-ID: <1.5.4.32.19980623025809.00c8e9b0@bbs.galilei.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Mark,

The polyethelene variable capacitors from transistor radios work okay at low power. The St. Louis QRP Society used them in the original St. Louis Tuner project, a t-match. Some of the prototypes are seven years old and continue to work well. A few died along the way, more from rough handling during testing than anything else. All things considered we continue to get decent performance from what are essentially junk parts.

The quality of poly-variables varys widely. We chose a model with a brass stator and a copper rotors and have not been disappointed. These came from a parts bin in a local electronics store and were obviously very old stock. I saw one other example that came close and immediately bought all of them! Other than relying on the the old Eyeball, Mk. 1, the heft is a dead giveaway.

Our luck with aluminum innards varied but some examples did pretty well. We tested for four years before settling on the final tuner configuration and that included fooling with a lot of poly-variables.

The 'official' opinion is that the little caps will handle 10W input but it is closer to 15W+, depending on the model and the degree of matching required. Personally, I'd stick with 10W for 5W out.

I built a N1TEV-type regen that uses a 8:1 Jackson Bros. ball-drive and an excellent poly-variable. It is quite stable, definitely much better than expectd. I've used this hot rx with a ONER tx in a couple of contests and for general listening. No complaints!

I'm planning a compact tuner to go with a NorCal 20. It will use two poly-caps left over from the SLT project.
In case your wondering, I don't find them particularly lossy but have never taken the time to measure and compare. Any trade-off is well-worth the added conveniences in size, weight and, of course, cost!

Many of the poly-variables take about a 2.5mm mounting screw. Make sure the shaft does not protrude into the plastic case so far as to interfere with the polyethelene separators. Otherwise, the caps can be mounted to a metal case wall with Testor's liquid model builder's glue or CA-type instant cement. If you have to remove one later just slide a miniature screwdriver blade behind the plastic case and it will usually pop loose.

The original SLT used a 1/4" diameter nylon standoff for a shaft extender. It is held on our poly-variable's internally threaded shaft with a metric screw. Other prototypes used a brass or plastic 1/4" diameter tube epoxied on a small diameter shaft stub, or even a wood dowel.

I suppose this is more than you wanted to know about poly-variables. As you can probably tell, I'm a big fan of these much maligned parts that routinely get the proverbial 'raw deal' in ham folklore. While I do not own one, it was a pleasant surprise to see the ZM-1 and ZM-2 feature 'polys'. I must have missed the messages if anyone is complaining about them on QRP-L. <g>

de Dave, NF0R nf0r@slacc.com

Date: Tue, 23 Jun 1998 00:01:39 -0400
From: joel malman <malman@world.std.com>
To: qrp-l@Lehigh.EDU
Cc: malman@world.std.com, claytdia@hvcc.edu
Subject: [13683] QRP DX'ing
Message-ID: <199806230401.AA08022@world.std.com>

Folks

Boy Oh Boy, it is fun to work DX with 4 watts and a dipole!

Heard SV5/VE3EXY/P on 30 meters today. Heard him on-and-off all afternoon. Most of the time he was calling "UP 2" and there was a big pileup, 'up 2'. Some poor folks were calling him on his sending frequency. Naturally, he (almost) never called them. I tried calling a few times, but there was just to many other Europe stations calling him - no way way he could hear me. So I gave up...

Turned the rig on again at 0240z (6/26/98) and worked SH1DQ on 30 meters. Nice, but not very unusual DX from Mass. Tuned around a bit... Hummm, SV5/xxxx/P calling CQ... My ears perk-up. Yep, SV5/VE3EXY/P calling CQ!! WOWZZERR! I sent my call once. He gets most all the characters and sends me a 559. I send him a 579 and my correct call plus "QRP 4W". He returns with my correct call and "GUD QRP SIG 72".

Clearly, this made my day.... Maybe even my week.

72 to all,

/joel wa1qvm (Concord, Mass)

Date: Mon, 22 Jun 1998 21:27:37 -0700 (PDT)
From: Charlie Lofgren <clofgren@BENSON.MCKENNA.EDU>
To: Mark Dittmar <Mark_Dittmar@maxtor.com>
Cc: CLOFGREN@BENSON.MCKENNA.EDU, Low Power Amateur Radio Discussion <qrp-

l@Lehigh.EDU>
Subject: [13684] Re: Capacitors for antenna tuners
Message-ID: <Pine.PMDF.3.95.980622212016.35357A-100000@BENSON.MCKENNA.EDU>
MIME-version: 1.0
Content-type: TEXT/PLAIN; charset=US-ASCII

On Mon, 22 Jun 1998, Mark Dittmar wrote:

>
> I have
> several of the cheap tuning capacitors from transistor radios (these are
> from Mouser, and are dual gang 270 pf), the type with the plastic (I
> think) stators. Anyone have any experience using this type of capacitor
> in an antenna tuner with 3 watts power ? Do they melt ? Thanks for the
> advice ,
>

"Plastic" caps of 270 pf per section are hard to find (!), compared to the
usual transistor radio variety of about 140/90 pf per section.

They do fine in z-matches, up to 10-15 watts. You can use the SPRAT
circuit that Roy (W6EMT) uses in his ZM-2, or you can use my z-match
circuit (with hi and lo impedance output links), which I can provide by
return email. With the N7EV swr indicator, either makes a tiny package.

72,

Charlie, w6jjz
clofgren@benson.mckenna.edu

Date: Mon, 22 Jun 1998 21:44:48 -0700 (PDT)
From: camqrp@cyberg8t.com (Cam Hartford)
To: qrp-l@Lehigh.EDU
Subject: [13685] Field Day List III
Message-ID: <199806230444.VAA20182@key.cyberg8t.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Here's the updated FD list. If your group is not here, or you see errors,
let me know. I might have time to post it again before blast-off, which is
Thursday night for me.=20

Look for us on 20 SSB (K6ZNI) - I just gave my Small Wonder Labs WM-20 it's smoke test, and it plays!=20

You-all have a great time, and remember to send me your entries for the WM Field Day competition after the dust has settled.

72/73,

Cam N6GA

FD Call: N2JGU
Ops: N2JGU, WB8YGG=20
Location: 40 miles SW of Rochester NY

FD Group: Candlewood ARA
FD Call: W1QI
Ops: W1QI, N2DVX, KD1DD, N1HPF, KD1YV, WS1Q, N1TMG
Location: Brookfield CT.
Note - This group has always been QRO, but is going QRP=20
at the urgings of Seab, AA1MY.

FD Group: LM Employees Radio Club
FD Call: W4LMA
Ops: W4ED, K4ZD, KK5MM, AA4RP
Location: LM baseball fields, Marietta, GA
Note - CW ops doing QRP, phone ops QRO. Oh well...

FD Group: North Florida ARS
FD Call: W4IZ
Ops: WD4ET
Location: Jacksonville, FL
Note: Only WD4ET will be QRP, on 40M CW
=20

FD Call: WA5OJI
FD Ops: WA5OJI
Location: Thibodaux, La.=20

FD Group: Zuni Loop MEF
FD Call: K6ZNI
Ops: K6EK, K6MDJ, KD6VIO, KF6ML, N6EV, N6GA, N7FEG, nu6SN,=20

W6SIY, WA6ARA, WA6OWR   =20
Location: San Gabriel Mountains, 50 Mi east of Los Angeles

FD Group:Colorado QRP Club - Group 1
FD Call: W0CQC
Ops: K0FEI, K0FRP, K6LS, KF7MD, KR0U, N0COT, N0DQV, N1FN,=20
N5LPZ, W0AH, W0HEP, W2ZGB, WI6T, WJ1R
Location: Elizabeth, CO about 40 miles SE of Denver

FD Group: Colorado QRP Club - Group II=20
FD Call: N0QT
Ops: N0QT, AB0CD
Location: Cherry Creek reservoir
Note: Hawaiian shirts required

FD Group: Guano Reef Bashful Perverts
FD Call: N4BP
Ops: K4PG, N4BP, W4OX
Location: Fiesta Key on Long Key, FL

FD Group: New Jersey QRP Club
FD Call: WQ2RP
Ops: N2APB, N2CX, W2DP, WK8G, WA2ECP
Location: Rosedale Park in Hopewell, NJ (Central NJ)

FD Group: Ski Country ARC
FD Call: K0RV
Location: White River National Forest between Aspen and Glenwood
Springs, CO

FD Group: The Minnesota QRP Society
FD Call: WQ0RP
Ops: KA0GKC, KB0R, N0PPF, KA0OSC, N0BSN, N0WDM, NOUR,
Location: Minnesota Senior High School rear athletic field

FD Group: N7F FD Group
FD Call: N7F
Ops: K7ZEN, N7CEE
Location: Saddle Mtn, about
25 miles NW of Flagstaff at 8,880 ft

FD Group: The Wyoming Valley QRP Commandos=20
FD Call: K7SZ
Ops: K7SZ, KA3WTF, N3WWL, N2TNN, KA3ICD, WA3WMI, N3PBV, KA3ATG,=20
KA3QPQ, WL7CJU,=20
Location: Francis Slocum State Park in Luzerne County, NE Penna

FD Group: Flying Beers International Broadcast Soc.=20
FD Call: WS8D or possibly WY8W (we havent flipped the coin yet)
Ops: WY8W, WS8D, N8LUB
Location: Emmett, Michigan roughly 20 miles west of Port Huron.
=20

FD Group: The KnightLites=09
FD Call: WQ4RP
Ops: WJ4P, WA4NID, AE4IC, WF4I, KF4EIB, W4WDN, KC4ADW, KF4URE,
AB4PP, N7RI, AA4XX, and others?
Location: Approx. 12 miles south of Raleigh, NC at the farm of Paul,=20
AA4XX
Notes: We'll be operating, socializing and even a little flyfishing.=20
 Join us! Contact Paul, AA4XX, at aa4xx@ipass.net for details /=20
directions.

FD Group: Woodwardville ARC.
FD Call: W3DV
Ops: N3SLR, W3CV, KA3ZOW, K3LU (more details coming)
Location: Woodwardville, Md.

FD Group: Sothern Calif QRP Society
FD Call: WQ6RP
Ops: AC6UV, KF6JET, KR6LO, KD6CC
Location: Chilao Campground, Angeles National Forest =A0

FD Group: Alameda County Radio Club
FD Call: N6WG
Ops: Numerous :-)
Location: East Bay Regional Park on San Francisco Bay, CA

FD Group: "FOEax," or "Friends of EAX," basically alums of the U of MD ARA
FD Call: K1RA
Ops: NF3I N3FZX N3ODL K1RA KA3RPU KD3FG KC3WD (?)=20
Location: mountains (?) of western Maryland. Sure,
they're only 2000' high, but around here, them's mountains.

FD Group: Cascade QRP Club
FD Call: N7OW
Ops: N7OW, KL7IXI, KA7OZO, KG7PV, KB7YMD, KS7N, KB7JKC, N7CQR, KK7GG, KC7RZA
Location: Vancouver, WA
Note: New QRP club will be a 2A battery operation

FD Group: Radio Active Camping and Contesting Club (RACC)
Callsign: K5RAC
Ops: N5YAK, KK5NA, N5JI, K5JHP, W5TB, Smitty NA5K,(maybe K5FO)
N3BUO, KK5QA, KM5IH, N5VBK, KB5VPR, KC5PXW
Location: Joe Pool Lake, Cedar Hills Park Campground, Texas

FD Group: No Name =20
FD call: WA6FUH
Ops: WA6FUH
Location: Walnut Grove. Home of the 2000 foot TV towers (3 ea.
plus one 1500 foot) for the Sacramento Valley. No, I will not be using the
2K towers. I will be using one of the 100 foot Doplar Radar towers (I have
to get them to turn the thing off while working on the sloper).

FD Group: Durham Region QRP Club
FD Call: VE3QDR
Location: near Bomanville, Ontario

FD Group:Nortown Amateur Radio Club
FD Call: VE3NAR
Location: Utopia, Ontario

FD Group: North GA QRP group
FD Call: AE4NY
Ops: AE4NY, KO4WX, AE4GX, K4RAB.
Location: Banks Co., GA

FD Group : no name
FD Call: KJ3V
Ops: KJ3V, WA4NAT
Location: Elberta, AL, near the Gulf Coast

Date: Mon, 22 Jun 1998 23:59:17 -0500
From: aweiss@usd.edu (A. Weiss)
To: qrp-l@fidoii.CC.lehigh.EDU
Subject: [13686] RE: Gap Review
Message-ID: <199806230459.XAA19021@sunburst.usd.edu>

Hi gang:

I have to agree with a lot of what Ron says about comparisons.

My view: to be logical, one compares vertical A w. vertical B since
both are in the same category of antenna. It makes very little
sense to compare a vertical vs. a yagi UNLESS a specific
parameter is being compared, i.e., the low-angle radiation
from a vertical vs a yagi at such an altitude as will produce
a major low-angle lobe at the same elevation angle as the
vertical's major lobe. Otherwise, radiation at, say, 14-deg is
being compared with radiation at 30-deg.

The second consideration is uniqueness. I read the comparisons
of the GAP Titan vs. another vertical vs a yagi in QST several
years back. The othr vertical generally exhibited superior
performance -- it was a standard mutliband trapped ground-
mounted with a bunch of radials. But here, a quarterwave
was being compared with the halfwave GAP. A difference.

The ground also contributes to the uniquesness of results of
comparisons. My QTH will never equal your location.

So, the only thing to do is get two verticals, plant them,
fan radials, and see what the on-the-air results are.

73, Ade

Date: Tue, 23 Jun 1998 04:52:31 -0400
From: "Rich Dailey, KA8OKH" <ka8okh@som-uky.campus.mci.net>
To: qrp-l@Lehigh.EDU
Subject: [13687] Label removal - another suggestion
Message-ID: <3.0.16.19980623042655.089796d6@som-uky.campus.mci.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

In various stores throughout KY, a product called "De-Solv-It" is

available. It's a citrus-based cleaner/degreaser, and does a fantastic job of removing old labels, masking tape, etc... Even took tar out of one of my work shirts. I hear it was first developed to help fight oil spills.
And it smells good, too.

FYI de Rich

Rich Dailey, KA8OKH <ka8okh@som-uky.campus.mci.net>
The KA8OKH / KB4NPI Web - http://www.qsl.net/ka8okh

Date: Tue, 23 Jun 1998 04:52:34 -0400
From: "Rich Dailey, KA8OKH" <ka8okh@som-uky.campus.mci.net>
To: FrConrad@aol.com
Cc: qrp-l@Lehigh.EDU
Subject: [13688] re: Reference Book
Message-ID: <3.0.16.19980623041907.088f33f2@som-uky.campus.mci.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Two words -

NA5N's Databook for QRP'ers.

Ok, four words and a period.

...de Rich

Rich Dailey, KA8OKH <ka8okh@som-uky.campus.mci.net>
The KA8OKH / KB4NPI Web - http://www.qsl.net/ka8okh

Date: Tue, 23 Jun 1998 00:12:59 -0500
From: aweiss@usd.edu (A. Weiss)
To: qrp-l@fidoii.CC.lehigh.EDU
Subject: [13689] RE: Noise Bridges
Message-ID: <199806230512.AAA19739@sunburst.usd.edu>

Hi gang:

Be sure to get an RX bridge that is able to differentiate Resistance
and Reactance! A plain noise bridge measures the total. A "three-
meter" method of measurements will permit differentiating the
resistive and reactive components, but why waste the time when
an RX bridge does it with one measurement. The main reason
for using the RX bridge: the resistance can vary considerably
with frequency etc. Reactance is zero only at exact resonance.
So, tuning an antenna with an RX bridge allows finding that
point, which is what we're looking for in the first place.

73, Ade

Date: Tue, 23 Jun 1998 00:24:34 -0500
From: aweiss@usd.edu (A. Weiss)
To: qrp-l@fidoii.CC.lehigh.EDU
Subject: [13690] "Re: KnightSMITe station in a shoe polish can"
Message-ID: <199806230524.AAA20169@sunburst.usd.edu>

Great Idea about using a shoe polish can, eh????

Now, I can award myself one of my "Why Didn't I think of that?" awards
because I, yes, W0RSP, who suggested shoe polish cans at FDIM.

I take this opportunity to pat myself on the back because it seems that
everyone else is coming up with great ideas and I come up with none!
It gets to be depressing at times!!!

So, I hope no one minds me crowing a bit!!

"Why Didn't I Think of That?" Award #5 goes to the Tilex idea for
removing labels. I mean, like, I have this stuff laying around in
the basement shower room where I laboriously wet and scrape and
wet and scarpe more to get labels off of boxes!!!

So much for now

73, Ade W0RSP

Date: Mon, 22 Jun 1998 22:33:28 -0700 (PDT)
From: Monte Stark <ku7y@dri.edu>
To: rohre <rohre@arlut.utexas.edu>

Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [13691] RE: Gap review in Rad Com
Message-ID: <Pine.SOL.3.96.980622222955.3452B-100000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Stuart,

I think I need to make one thing clear..... When I compare
antennas it's to see how "work" for me. Which one seems to
do better for DX, or close in and etc.

I don't care what their types are, just which one will do
the job I want done!

That's why I have no problem compairing a vertical to a
yagi and still sleep at night! :-)

FWIW..... I can't remember the vertical ever doing better
than the yagi..... DX or close in!

cul,

73, Ron,   SOWP 5545M,

.........KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu..........Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Tue, 23 Jun 1998 01:21:12 -0500 (CDT)
From: jdenison@morelr.com (JOEL DENISON)
To: qrp-l@Lehigh.EDU
Subject: [13692] RE QRP DX'ING
Message-ID: <199806230621.BAA11898@ns1.morelr.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi gang:
        well, while Joel was working dx on thirty meters this joel was
listening to dx on forty meters... down in the extra portion I heard lots,
and lots of germans... dl...dk...
        I also heard... ha...g3...oe...lz...f5...cuba...py...9a2...
this was between 0100 to 0230 tonight...
        My noise level was an s2 and the signals were between s7 and s9...

guess i had better re think about the extra license...
        Guess the half squares are working for dx... how brazil and cuba slipped in there I don't know as they are off the rear and side of the ant...
        congradulations to Joel on making the contacts... this joel enjoyed hearing the dx... guess I'll have to listen on thirty also... the half square there might just work gangbusters for me...
        I did call cq dx on 7.040 and 7.030 but had no takers...
interesting thing, this radio stuff... many roads to travel

joel, in maine, north of cajun country, in the land of giant saltwater crawfish...

God Bless
Joel

WA5CVM
Joel Denison
PO BOX 542
Strong, Maine 04983
jdenison@morelr.com

Gentlemen don't Cry, They QSY :-)
Gentle Lady (RC Sail Plane)(049 engine - start)
3 element Half Square on 40mtr Half Square on 30
QRP ARCI 4066 NEW ENGLAND QRP 476 QRP-L 765
AK/QRP 109

Date: Tue, 23 Jun 1998 06:13:15 EDT
From: aa5yx@juno.com (John Harper AA5YX/2)
To: bkobie@webtv.net
Cc: qrp-l@Lehigh.EDU
Subject: [13693] Re: mfj LINEAR
Message-ID: <19980623.061218.4943.1.AA5YX@juno.com>

On Mon, 22 Jun 1998 17:00:29 -0500 bkobie@webtv.net (patrick obrien) writes:
>DID SOMEONE MENTION THAT MFJ IS PUTTING OUT A SMALL LINEAR 1-3 WATTS
>IN
>10-15 OUT,IF I REMEMBER RIGHT,AND WHEN IS IT COMING OUT?
>
>DOES ANYONE HAVE A SIMILIAR ONE FOR SALE? TNX 73 PAT/K8LEN
>
>

I know their reputation isn't the best in the world, but Ramsey sells monoband amps for 20, 30, 40 and 80 meters. They require a watt or two in for 20 out.

John Harper AA5YX/2 (ex: KA5BBL, KI5OW, VQ9BL)
HW-9, NorCal 40A, OHR 100A-20m, SST-30m

YashicaMat 124G Info Page: http://home.att.net/~j..harper

_____
You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at http://www.juno.com
Or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 23 Jun 1998 06:31:59 EDT
From: aa5yx@juno.com (John Harper AA5YX/2)
To: qrp-l@Lehigh.EDU
Subject: [13694] Appalachian Train and 7.040 megacycles
Message-ID: <19980623.063106.4943.4.AA5YX@juno.com>

I had planned to write it up details of my recent camping trip and either post it to the list or send it to ARS for inclusion on their web page but as it turned out, the trip was less than spectacular, at least from a radio standpoint. But here is the story anyway, prompted by a couple of email inquiries:

On the first night, there were constant thunderstorms and although I got my antenna up (and tent!) before the rain started, the QRN level from the lightening was so high that I couldn't work anyone at all. I unplugged my antenna while the lightening was nearby, but even after the storm passed, the QRN level was too high for me to be able to hear anyone with all the static crashes.

The next morning, I waited around for my tent to dry so I wouldn't have to pack it wet. This caused me to get a much later start than I would have otherwise and by the time I'd reached my destination for that day, gotten my tent up, cooked dinner and fought off an aggressive black bear, I was to exhausted for hamming!

PS Just joking about the bear!

John Harper AA5YX/2   (ex: KA5BBL, KI5OW, VQ9BL)
HW-9, NorCal 40A, OHR 100A-20m, SST-30m
YashicaMat 124G Info Page: http://home.att.net/~j..harper

_____
You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at http://www.juno.com
Or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 23 Jun 1998 06:33:20 -0400 (EDT)
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
To: RangerSF5@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [13695] Re: FD- Bug Juice Alert!
Message-ID: <Pine.GSO.3.96.980623063147.16682E-100000@moe.cas.utk.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

> I never used *skin so soft* but the gang from Back Packer magazine who test
> various outdoor products say it's on the bottom of the list.
> Others swear by it.Still,others say bleach mixed with vinigar(WHEW!)
> Bob
> WA2HOQ
Skin So Soft and Deet keep bugs away. The bleach-vinigar mix keeps other humans from bugging you--by a long, long distance.

-73-

LB, W4RNL

Date: Tue, 23 Jun 1998 07:25:33 -0500
From: "j.w. thornton" <dub@oklahoma.net>
To: qrp-l@Lehigh.EDU
Subject: [13696] Re: Mineral Oil or Mineral Spirits
Message-ID: <3.0.3.32.19980623072533.00b06d5c@oklahoma.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hey Gang: I read the blurb on Mineral spirits/oil, went out to the shop and found my gallon can of mineral spirits, also labeled PAINT THINNER. I proceeded to get rid of a couple of very sticky labels I had tried most everything I had on, unsuccessfully, to get rid of. The Mineral Spirits did a super job in short order. Thanks for a great tip for a simple lil job.

Dub WA5YFY
J. W. (Dub) Thornton
QRP-L #159
Norcal #598
ARCI   #6982
NW QRP #427

Minco, Okla. 73059

Date: Tue, 23 Jun 1998 08:49:13 -0400
From: "Edward A Kwik jr" <eakwikjr@hti.com>
To: "qrp-l@Lehigh.EDU" <qrp-l@Lehigh.EDU>
Subject: [13697] Elmer 101 where did my RF go?
Message-ID: <358FA449.2AEC11AF@hti.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I put in part 7, receiver mixer last night. I can not get RF on pin 5 of U1 per Mikes directions. Up to now everything has been working fine. I got 1.8 volts peak-to-peak at the base of Q6. This jives with the value called out on the manuals troubleshooting values on page 19. I figured out that Mikes C47 should have been C40 at 47pf and I installed it. I get 1.8vpp at the diode side of RFC3 but noting on the 'B' side of the choke. I removed the jumper at J1. I get 1.5vpp on the 'B' side of the choke and at pin 2 of J1. I put the jumper back in, nothing at pin 2. How should I proceed? Seems like I got a short on the primary side of T1. With the jumper installed, I should see some RF on pin 3 of J1, right? If I take T1 out and get RF at pin 3 does this mean I have a bad T1? I checked all the solder connections to T1 and can not see any solder bridges. Isn't T1's installation almost foolproof? Is there any way I could have messed it up? Before I take T1 out I want to verify the DC voltages for U1 and do some continuity checks. What resistance should I see between J1 pin 3 and ground? Is T1's primary big enough to have any resistance to it? Any help troubleshooting this would be apriated.

Ed Kwik KC8JIE QRP-L# 1444 Waterford, MI

Date: Tue, 23 Jun 1998 07:49:59 -0500
From: "j.w. thornton" <dub@oklahoma.net>
To: qrp-l@Lehigh.EDU
Subject: [13698] Re: Super Glue - heat
Message-ID: <3.0.3.32.19980623074959.00b07030@oklahoma.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>>I notice in your email, you use UGLY construction of RF breadboards.
>>I recall you use unetched single sided copper PCBoard as the ground

>plane. You cut tiny
>>pieces of unetched one-sided pcboard for
>>conductive pads for each part lead. The tiny pads are glued to main
>pcboard ground plane.

A couple of slightly dif approaches have been posted/written up in mags over the years. Lay out your desired soldering blocks with a felt tip marking pen, and etch in etching solution, or using a Dreml type tool, with a small dental burr from your friendly Dentists throw-away box, cut out the desired blocks. The Dreml tool actually works best, as it allows for "in process" addition of blocks that might have been overlooked originally. I have several projects using this "surface mount" type construction, including a 20 meter superhet transceiver. Works well, and very easy to substitute/replace parts without removing boards, provided you have the room to work.

The boards for the modern kit rigs are more densely packed than anything I can put together using this technique tho. "72"

Dub WA5YFY
J. W. (Dub) Thornton
QRP-L #159
Norcal #598
ARCI #6982
NW QRP #427
Minco, Okla. 73059

Date: Tue, 23 Jun 1998 09:06:56 -0400
From: Ed Tanton <n4xy@att.net>
To: dub@oklahoma.net
Cc: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [13699] Re: Super Glue - heat
Message-ID: <3.0.5.32.19980623090656.00c383a0@postoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

One way you can greatly increase your "net" density is to use a product called: "SURFBOARDS" available from several suppliers including both Mouser and Digikey. These are pre-etched, small, one IC / no IC glass epoxy breadboards with patterns that easily lend themselves to either SMT or regular-sized 1/4w-style components. They are definately not inexpensive, but not only can you use surface mount ICs and components in your breadboards easily using them, there are several varieties that come with pre-mounted pad-connected pins that allow multiple boards to be used in one

plane and plug into another board in another plane, or just for connection cables.

Adding a variety of them to your ground-plane mount would enable all the IC mounting capabilities you could ask for, with the rest of the components and wiring 'normally' spaced and mounted.

73

_____
Ed Tanton N4XY EMAIL: n4xy@att.net
189 Pioneer Trail
Marietta, GA 30068-3466 TEL: (770)579-3933 V/MBX/FAX
_____
INTERESTS: QRP BoatAnchors Test Equipment Photography
CW: 99.9% Mercury Paddle # 0214 QRP to 150W: 95%
~~~~~~
"Think you can, think you can't: either way you're right!" Henry Ford
~~~~~~

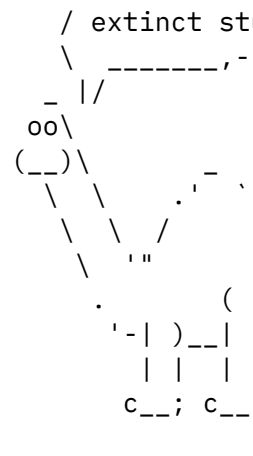
Date: Tue, 23 Jun 1998 06:38:52 -0700 (MST)
From: Chris Trask <ctrask@primenet.com>
To: "Rich Dailey, KA8OKH" <ka8okh@som-uky.campus.mci.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [13700] Re: Label removal - another suggestion
Message-ID: <Pine.BSI.3.96.980623063814.28219A-100000@usr08.primenet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 23 Jun 1998, Rich Dailey, KA8OKH wrote:

> In various stores throughout KY, a product called "De-Solv-It" is
> available. It's a citrus-based cleaner/degreaser, and does a fantastic
> job of removing old labels, masking tape, etc... Even took tar out
> of one of my work shirts. I hear it was first developed to help fight
> oil spills.
>

I've been using it for a couple of years now, and have yet to have it damage any finish. Wonderful stuff.

,----------------------. Circuit Design for the
/ What's all this \ RF Impaired



Chris Trask / N7ZWY
Principal Engineer
ATG Design Services
P.O. Box 25240
Tempe, Arizona 85285-5240

Technical Editor,
QRP Quarterly
QRP ARCI 9464

Email: ctrask@primenet.com
http://www.primenet.com/~ctrask

Graphics by Loek Frederiks

Date: Tue, 23 Jun 1998 10:07:42 EDT
From: ARDUJENSKI@aol.com
To: qrp-l@Lehigh.EDU
Subject: [13701] SIMPLE PORTABLE ANTENNA (long)
Message-ID: <12ff13fc.358fb6af@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Don't want to worry about counterpoise? Want it simple and portable? Here it is!
G3YCC's simple antenna that really does work great.

(1) Half wave wire for frequency of operation
(2) Coil on a 1/4 inch ferrite tunable form
(3) 50pf capacitor

Size of a 35mm film container for portability

QUOTE: This end fed type of antenna was marketted in the UK and is a useful system for the portable set-up. Being a half wave, no radials or counterpose wires are needed.

As the impedance will be high at the end of the wire, some form of matching unit is needed and a simple parallel tuned circuit housed in a plastic film container is fine (figure 1). A hole in the container

allows for tuning, by adjusting the ferrite core in the coil for maximum reading on a field strength meter nearby.

The inner of the coax goes to a tap about 1/4 of the way from the earthy end of the winding, to which the braid of the coax is soldered.

As a rough guide, a capacitor of 50pf across a winding of say 30 turns is a starting point for 40m. Some experimenting with turns and tapping point is necessary. The coil former used was about 1/4 inches in diameter as found in old IF transformers.

Go to <http://www.homeusers.prestel.co.uk/g3ycc/endfed.htm>

Why no exotic counterpoise? Remember the basics that the ground and antenna act as a pair of resistors in series. If the values are close to the same for ground and antenna (say 50 ohms) then 50 percent goes to the worms. With a super high antenna impedance the ground value is not really that important in regards to loss. Similar to antennas like the bobtail.

For tuning you could make a simple Scorpion LED tuning bridge.

Alan KB7MBI

Date: Tue, 23 Jun 1998 09:23:46 -0500
From: Larry Cruise <Larry.Cruise@MCI.Com>
To: "'QRP-L'" <qrp-l@Lehigh.EDU>
Subject: [13702] RE: GAP Review part II
Message-ID: <01BD9E88.A05E08E0.Larry.Cruise@mci.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

In my previous post "An interesting GAP review" I was going to reference this note that appeared in the Technical Correspondence section of QST for January 1995. Unfortunately at the time I couldn't find the reference. In this note Jack Belrose VE2CV address some of the claims for vertical antennas. Some of his remarks follow:

"Some companies claim outstanding or amazing DX performance, low radiation angle, low noise, no ground loss and other attention-grabbing text in their product advertisements. . . .

"Although a great fuss is made about reducing ground loss with elevated feed, such a claim, as I've discussed earlier, is not true. To improve performance, the entire antenna has to be lifted off the ground by a significant amount, not just the feedpoint."

Belrose,s note makes interesting reading for vertical users and takes the hype out of many of the vertical ads.

In the summer of 93 Butternut published an excellent paper (TECH NOTE DLS-1) titled "DIRTY LITTLE SECRETS" that allows you to evaluate claims for various verticals. An excellent overview with a number of references.

I bring these references up so someone thinking about buying a particular vertical can better judge which may be better suited for them. Knowing all the ins and outs makes it easier to decide. In some cases the GAP fills the need.

I am a vertical user, but not of the commercial variety. I find I can get as good or better performance along with a much lower cost if I make my own.

-72 aa5ta

Date: Tue, 23 Jun 1998 10:25:32 -0400
From: John Paul Keon <jpkeon@bellsouth.net>
To: "qrp-l@Lehigh.EDU" <qrp-l@Lehigh.EDU>
Subject: [13703] emoticons
Message-ID: <358FBADB.3CEB7B89@bellsouth.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Does anyone have a list of the emoticons, or a place where I can go get them.
I finally figured out what they were when i fell asleep and woke up to see them
sideways......hi hi....
JohnPaul/AB4PP

Date: Tue, 23 Jun 1998 14:32:26 +0000

From: Brian Short <bshort@speedchoice.com> (by way of "Brian K. Short"
<bshort@speedchoice.com>)
To: qrp-l@Lehigh.EDU
Subject: [13704] OHR Explorer II 30 Meter CW XCVR KIT - UNBUILT
Message-ID: <199806231427.HAA25082@mail.phoenix.speedchoice.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

OHR Explorer II 30 Meter CW XCVR KIT - UNBUILT
$80 shipped
--
Brian Short k7on@qsl.net http://www.qsl.net/k7on
(602)839-3484 1994 E Laguna Dr Tempe, Az 85282
--
"Why is it a penny for your thoughts, but you put your two
cents in? Someone is making a profit on this." -- Steven Wright
--

Date: Wed, 24 Jun 1998 07:45:15 -0700
From: "Jim Johnson" <km7h@gte.net>
To: "qrp-l" <qrp-l@Lehigh.EDU>
Subject: [13705] FS: Index Labs QRP Companion
Message-ID: <01bd9f7e$b33f2ec0$15fd2399@km7h>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Nice little unit that goes with QRP+. Has Gel Cell, charging circuit,
Antenna Matching unit. this one has circuit breaker and voltage monitor
added. Works just great. I am using LDG tuner and have other power sources.
Asking $150, but will consider offers and trades.

Jim Johnson, KM7H   Mukilteo, WA
QRP ARCI #3497   ARS # 321
NWQRP #480   QRP-L #1219
CQC #444   AK-QRP #179
            QRP++ TenTec C/21

Date: Tue, 23 Jun 1998 08:04:43 -0700 (PDT)

From: KB0VCC/1 <kb0vcc@rocketmail.com>
To: qrp-l@Lehigh.EDU
Subject: [13706] National Amateur Radio Week...?
Message-ID: <19980623150443.4169.rocketmail@web2.rocketmail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

While driving to Framingham, MA on business yesterday, I surfed around on the car stereo for a news broadcast. I found one on a Boston station WBOQ (pronounced "W-Bach", obviously they play classical). Anyway, during the news they briefly mentioned that "This is National Amateur Radio Week, to be concluded by the annual Field Day event". (I about drove off the road at this point). The announcer elaborated with mention that this week is to increase public awareness of the Amateur Radio Service. He concluded with, "We at W-BACH as always, support amateur radio".

This is the first time I have ever heard promotional mention of Ham radio in commercial broadcasting. I intend to write to the station to thank them for mentioning us in such a favorable light. For any of you Bostonians who may wish to do the same, their email address is: FeedBACH@wbach.com

IRTQRP: Built one of the two LED Keyers I bought from Steve, KD1JV. 20 min to build the circuit, 10 hrs to do the enclosure. This one was Dad's Father's Day gift. I built it into a plastic modem case, with all buttons and the LED readouts mounted in the front panel, off the board. Looked excellent. Worked first try. Shielded the assy internally by building a box out of aluminum flashing. Yup, I knew those highschool metal shop skills would come in handy some day. The one I build for myself will be much more compact, less esthetically pleasing but very "trail friendly". Will probably complete in 1/4 the time, too!

72/73 es Happy Amateur Radio Week!
-Dale

==========

Dale Anderson	In the Mt Washington Valley
KB0VCC	Conway, New Hampshire
QRP-L #91 / CQC #251	Grid Sq: FN43KX
ARS #234 / FISTS #3172	http://www.qsl.net/kb0vcc

==========

DO YOU YAHOO!?
Get your free @yahoo.com address at http://mail.yahoo.com

Date: Tue, 23 Jun 1998 11:09:40 EDT
From: ARDUJENSKI@aol.com
To: qrp-l@Lehigh.EDU
Subject: [13707] EDZ DOES THE TRICK
Message-ID: <fa6ca2df.358fc547@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

For those of you wanting some DX on a budget, I recently cut down the DOUBLE ZEPP (66ft per leg) to 41.5 ft per leg giving me an EXTENDED DOUBLE ZEPP on 20M plus great signals on 40M and 10M. For 80M I just connect the two open feeds at the tuner. The lobe pattern now gives me good end fire allowing me to work the fine folks in CA and AK.

DX: How about Mexico city and the Phillipines on ONLY 5 WATTS SSB? A little wire can go a long ways....Alan KB7MBI (Woodinville, WA)

Date: Tue, 23 Jun 1998 08:51:48 -0400
From: "Jay Heffner" <cjayheff@erols.com>
To: <klqrp@waterw.com>, <QRP-L@Lehigh.EDU>
Cc: <klqrp@waterw.com>
Subject: [13708] Re: KnightSMiTe Mods disappointment
Message-ID: <01bd9ea5$af43f1e0$646daccf@scs-micron1.eng.usps.gov>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gary,

I haven't found time to finish my SMiTe yet, but one mod that I am looking

at is the installation of a super VXO. The only change that I see would have to be made is the installation of a second xtal and possibly a 15uH inductor. It should give about 35kc on 40 and 15kc on 80.I'll let everyone know how it goes.......

73/72,
Craig, KF4NYZ
-----Original Message-----
From: Gary Oneil <n3go@us.ibm.com>
To: QRP-L@Lehigh.edu <QRP-L@Lehigh.edu>
Cc: klqrp@waterw.com <klqrp@waterw.com>
Date: Tuesday, June 23, 1998 10:17 AM
Subject: KnightSMiTe Mods disappointment

>Golly Gang
>
>   Am I the only one who's not disappointed about a long list of mods on the
>KnightSMiTe? Gee... seems to suggest I did a pretty good job.... not much
>improvement to be made :-) Actually; replacing D2 with a J-FET is quite
>worthwhile and I humbly apologize for not solving that issue prior to releasing
>the final layout :-(I was focused on getting the rig out before Christmas and
>agreement was unanimous that most folks on this list might consider room for
>improvement a design "feature" :-)
>
>   A number of mods have been posted however... e.g. beefing up the power
>output, integrating a Tick keyer, adding BCI immunity filtering, etc. Perhaps
>these have hit the KnightLites reflector and haven't been vectored to QRP-L.
>Perhaps we haven't seen mods to put it on other bands because surface mount
>parts are not as abundant in most ham shacks. This of course will change... one
>of the growing pains that comes with being ahead of our time :-)
>
>   I managed a QNI with mine Sunday night... the first day of summer :-)...
>The band was actually in pretty good shape for this time of year. Most of the
>T-storms were outside the 80 meter skip zone for those of us on the right coast
>:-) What a challenge... what a thrill... what a chore... what fun!
>Holding a QSO with one of these pups is exhilaration that simply cannot be
>described... it must be experienced.

>
>72
>
>Gary,   N3GO   Raleigh, NC
>
>
>====================== KL QRP Club Mailing List ======================
>To unsubscribe from this list, send email to listserver@waterw.com
>and put the text "unsubscribe klqrp" in the message. To post a
>message to the list, send email to klqrp@waterw.com.

Date: Tue, 23 Jun 1998 11:29:14 EDT
From: aa5yx@juno.com (John Harper AA5YX/2)
To: qrp-l@Lehigh.EDU
Subject: [13709] More Teflon-insulated wire
Message-ID: <19980623.112812.4943.0.AA5YX@juno.com>

Just got a modification memo here at work that requires the use of #24
AWG stranded teflon isulated wire. The source listed is:

http://www.belden.com/index.htm

and the part number is 8302310001.

John Harper AA5YX/2   (ex: KA5BBL, KI5OW, VQ9BL)
HW-9, NorCal 40A, OHR 100A-20m, SST-30m
YashicaMat 124G Info Page: http://home.att.net/~j..harper

____
You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at http://www.juno.com
Or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 23 Jun 1998 11:37:02 EDT
From: Dameador@aol.com
To: qrp-l@Lehigh.EDU
Subject: [13710] Argonaut 509 for sale.
Message-ID: <f495392b.358fcb9f@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Ten Tec Argonaut 509 QRP rig for sale ($250). If you're a collector this is for you because it comes with the original operation manual, original shipping box, and original mini QSL stickers. Also selling Ten Tec Model 405 linear amplifier ($125), Ten Tec Model 206 Crystal Calibrator($25), and Ten Tec Model 251 twelve volt power supply for xcvr and power amp ($50). Everything for $425. Pay by money order only and you pay for shipping. Phone 816-250-2446 or Email Dameador@aol.com

---

Date: Tue, 23 Jun 1998 07:58:54 -0700 (PDT)
From: Monte Stark <ku7y@dri.edu>
To: Don Bowen <don.bowen@chrysalis.org>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [13711] Re: FD- Bug Juice Alert!
Message-ID: <Pine.SOL.3.96.980623074534.4393C-100000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 22 Jun 1998, Don Bowen wrote:

> Don't need DEET! Try Shaklee Basic H (a liquid soap - just rub some on,
> it's harmless, and it'll wash off!) or Avon Skin So Soft (aromatic, but
> not unpleasant). Believe me, they both keep chiggers, ticks, mosquitoes
> - and just about everything else - away.

Well, I'd have to agree/disagree!

During "normal" skeeter times, many things will work, at least a little.

But when these little flying critters get into high gear, not even 100% DEET will keep you totally free from sticks!

Idaho can come close to Alaska when it comes to skeeters! And believe me, all the smell good things you can come up with just seem to let them know where you are!

One of the best things I ever did was to take lots and lots of B12 starting a few days before heading out. Seems that you then have some odor they don't like and they will leave you alone.

But again, when they get thick, it's time for the DEET! When you take a deep breath and inhale a bunch of them, the trick is to swollow them before they can bite!

Why, I remember one time in Idaho when Carol and I took shelter in

an old tool shed. You could hear them skeeters heading for the walls..... Buzzzzzzzz, Wham! They would hit so hard that their stickers would pop clear through the walls.

I found a hammer and bent their stickers over so that they couldn't get away.

After doing this for about an hour, there were so many stuck on the shed that they just flew off with it leaving me and Carol sitting there on the floor at the mercy of all their friends.....

:-)

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Tue, 23 Jun 1998 12:00:18 -0400
From: Michael Maiorana <mikemo@ibm.net>
To: qrpl <qrp-l@Lehigh.EDU>
Subject: [13712] Elmer101: typo in part 7
Message-ID: <358FD112.777A@ibm.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

It was pointed out to me that there is an error in the instructions for part 7.

C47 should be C40

Sorry about that.
--
72 de ku4qo
Mike Maiorana
Palm Harbor, FL

"Have a great day, and enjoy whatever liberty you have remaining!"

Date: Tue, 23 Jun 1998 12:11:27 -0400
From: Michael Maiorana <mikemo@ibm.net>
To: eakwikjr@hti.com
Cc: qrpl <qrp-l@Lehigh.EDU>
Subject: [13713] Re: Elmer 101 where did my RF go?
Message-ID: <358FD3AF.2F13@ibm.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Edward A Kwik jr wrote:
>
> I put in part 7, receiver mixer last night. I can not get RF on pin 5
> of U1 per Mikes directions. Up to now everything has been working
> fine. I got 1.8 volts peak-to-peak at the base of Q6. This jives with
> the value called out on the manuals troubleshooting values on page 19.
> I figured out that Mikes C47 should have been C40 at 47pf and I
> installed it. I get 1.8vpp at the diode side of RFC3 but noting on the
> 'B' side of the choke. I removed the jumper at J1. I get 1.5vpp on the
> 'B' side of the choke and at pin 2 of J1. I put the jumper back in,
> nothing at pin 2.

Ed,
Thanks for catching my error in part 7. You were correct that it should
have read C40 instead of C47.

As for your problem I think I know what is wrong. If the temporary
jumper on J1 was installed in the wrong holes it would ground one side
of RFC3. This would cause the symptoms you describe.

Double check that the jumper is across holes 2 and 3. These are the top
two holes when looking at the front of the board with T1 in the lower
left corner. If the jumper is in the bottom two holes it is incorrectly
installed.

Try this out and let us know.
--
72 de ku4qo
Mike Maiorana
Palm Harbor, FL

"Have a great day, and enjoy whatever liberty you have remaining!"

Date: Tue, 23 Jun 1998 09:35:04 PDT
From: "DJ Rock" <b2bn@hotmail.com>

To: qrp-l@Lehigh.EDU
Subject: [13714] Superglue conductive?
Message-ID: <19980623163504.5800.qmail@hotmail.com>
Content-Type: text/plain

I have super-glued some components onto the perfboard for an electronic
project. Will it be a problem if some of the smaller diodes are covered
in superglue (for example will curent flow through the glue elimintaing
the diodes effect)?
Thanks in Advance:
D.C Schmidt

_____
Get Your Private, Free Email at http://www.hotmail.com

Date: Tue, 23 Jun 1998 12:58:00 -0400
From: "Ed Hare, W1RFI" <ehare@arrl.org>
To: qrp-l@Lehigh.EDU
Subject: [13715] Re: FD- Bug Juice Alert\!
Message-ID: <358FDE97.2EE3@arrl.org>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Monte Stark wrote:

> But again, when they get thick, it's time for the DEET! When you take
> a deep breath and inhale a bunch of them, the trick is to swollow
> them before they can bite!

Ron, I hate to disagree with you on a public forum (hah!), but it is
clear that you are really making it up as you go along. Any real
outdoorsperson knows that if any woodland flying critter is going to
enter your person, it will go in through the nose!

> Why, I remember one time in Idaho when Carol and I took shelter in
> an old tool shed. You could hear them skeeters heading for the
> walls..... Buzzzzzzzz, Wham! They would hit so hard that their stickers
> would pop clear through the walls.

> I found a hammer and bent their stickers over so that they couldn't
> get away.

> After doing this for about an hour, there were so many stuck on the

> shed that they just flew off with it leaving me and Carol sitting
> there on the floor at the mercy of all their friends.....

Oh, I see; I take it back. You clearly DO understand the true nature
of mosquito lore and fable. :-)

GL on FD; I may try to get on for a bit, but my personal schedule is way
out of whack and I get to fix an old '82 Pontiac Bonneville instead.

72, Ed, W1RFI

Date: Tue, 23 Jun 1998 10:03:17 -0700
From: W7LS <w7ls@blarg.net>
To: cjayheff@erols.com
Cc: qrp-l@Lehigh.EDU
Subject: [13716] Re: KnightSMiTe Mods disappointment
Message-ID: <358FDFD5.2395@blarg.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

GL. I parallelled a couple of crystals and only got maybe 2 KHz swing on
80 meters. Probably did something wrong, but that's what I got. Please do
let us know if you are able to get it 'swinging'. :-)

73 de Jim, W7LS

Jay Heffner wrote:
>
> Gary,
>
> I haven't found time to finish my SMiTe yet, but one mod that I am looking
> at is the installation of a super VXO. The only change that I see would have
> to be made is the installation of a second xtal and possibly a 15uH
> inductor. It should give about 35kc on 40 and 15kc on 80.I'll let everyone
> know how it goes.......
>
> 73/72,
> Craig, KF4NYZ
> -----Original Message-----
> From: Gary Oneil <n3go@us.ibm.com>
> To: QRP-L@Lehigh.edu <QRP-L@Lehigh.edu>
> Cc: klqrp@waterw.com <klqrp@waterw.com>

> Date: Tuesday, June 23, 1998 10:17 AM
> Subject: KnightSMiTe Mods disappointment
>
> >Golly Gang
> >
> >   Am I the only one who's not disappointed about a long list of mods on
> the
> >KnightSMiTe? Gee... seems to suggest I did a pretty good job.... not much
> >improvement to be made :-) Actually; replacing D2 with a J-FET is quite
> >worthwhile and I humbly apologize for not solving that issue prior to
> releasing
> >the final layout :-(I was focused on getting the rig out before Christmas
> and
> >agreement was unanimous that most folks on this list might consider room
> for
> >improvement a design "feature" :-)
> >
> >   A number of mods have been posted however... e.g. beefing up the power
> >output, integrating a Tick keyer, adding BCI immunity filtering, etc.
> Perhaps
> >these have hit the KnightLites reflector and haven't been vectored to
> QRP-L.
> >Perhaps we haven't seen mods to put it on other bands because surface mount
> >parts are not as abundant in most ham shacks. This of course will change...
> one
> >of the growing pains that comes with being ahead of our time :-)
> >
> >   I managed a QNI with mine Sunday night... the first day of summer
> :-)...
> >The band was actually in pretty good shape for this time of year. Most of
> the
> >T-storms were outside the 80 meter skip zone for those of us on the right
> coast
> >:-) What a challenge... what a thrill... what a chore... what fun!
> >Holding a QSO with one of these pups is exhilaration that simply cannot be
> >described... it must be experienced.
> >
> >72
> >
> >Gary,   N3GO   Raleigh, NC
> >
> >
> >====================== KL QRP Club Mailing List ======================
> >To unsubscribe from this list, send email to listserver@waterw.com
> >and put the text "unsubscribe klqrp" in the message. To post a
> >message to the list, send email to klqrp@waterw.com.

Date: Tue, 23 Jun 1998 12:07:40 -0500
From: "Kevin Muenzler WB5RUE" <wb5rue@stic.net>
To: <b2bn@hotmail.com>
Cc: "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.EDU>
Subject: [13717] RE: Superglue conductive?
Message-ID: <19980623170742625.AAA270@muenzlerk>

Superglue is not conductive but it will break down if
it is heated over about 150 degrees producing VERY
irritating vapors. It doesn't make good heat-sink
compound.

Kevin, WB5RUE

> -----Original Message-----
> From: owner-qrp-l@Lehigh.EDU
> [mailto:owner-qrp-l@Lehigh.EDU]On Behalf Of
> DJ Rock
> Sent: Tuesday, June 23, 1998 11:35 AM
> To: Low Power Amateur Radio Discussion
> Subject: Superglue conductive?
>
>
> I have super-glued some components onto the perfboard for an
> electronic
> project. Will it be a problem if some of the smaller diodes
> are covered
> in superglue (for example will curent flow through the glue
> elimintaing
> the diodes effect)?
> Thanks in Advance:
> D.C Schmidt
>
>
> ____
> Get Your Private, Free Email at http://www.hotmail.com
>
>

Date: Tue, 23 Jun 1998 13:32:16 EDT
From: RangerSF5@aol.com

To: qrp-l@Lehigh.EDU, njqrp@njqrp.org
Subject: [13718] Re a sad announcement
Message-ID: <96d7ef99.358fe6a1@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Most of you know that I had gone back into skydiving,a sport the I love so much and at times hated because it took my best friends from me.
Due to the Tragic loss of a local skydiver,I cancelled the HALO jump that I had planned for 25,000 ft and open at 18,000 and at that time activate a low power 40 meter beacon.
I hung up my gear for the last time and ask that all of you say a little prayer for Denise AKA <MAXXOUT1@AOL.COM>
Because I also in the past lost a loved one in this sport,this accident had an impact on me that i'm finding difficult to deal with.
I'm sure all of you understand
Bob
WA2HOQ

Date: Tue, 23 Jun 1998 13:34:02 EDT
From: MKBalvanz@aol.com
To: qrp-l@Lehigh.EDU
Subject: [13719] WA3ENK Conveter kits, still available?
Message-ID: <b3a563a5.358fe70b@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

My Friend and I (Chris, KC0DBO), are trying to build QRP 6 meter DSB/CW transmitters. We would like to build the WA3ENK receive converter to use with our RS DX-390s. I can't get a hold of Rod Kreuter though to find out if the kits are still available for them. Does anyone know if he has an E-mail address, or if the kits are still available? Otherwise, I need to track down a NE602, anyone know where I can find one of these?

Thanks for the bandwidth,
Matthew, KC0AYG

Date: Tue, 23 Jun 1998 13:39:38 -0400
From: Art Marshall <artm@t-com.com>
To: "'qrp-l@lehigh.edu'" <qrp-l@Lehigh.EDU>

Subject: [13720] << Confused >>
Message-ID: <01BD9EAC.5F7F8C80@PC-ART.t-com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: quoted-printable

Hello......

I thought I knew what I wanted in a QRP radio, the more I look the more =
confused I get....

I am looking for something that I will use mostly for CW Id say 95% and =
SSB 5%,   anyhow I am confused about the receivers on QRP radios. I =
remember the old HW 7 and it send chills up the back of my neck. (sri =
HW7 lovers). On the radios I have seen on the internet, how is the =
tuning in of the received signals, smooth, touchie, with ease, rough, I =
hear u but ooops, can't tune u in, vernier tuning, band spread (now =
theres an old one), rit, etc ?? this is wat I need help on. I =
suspect the xtmr's are straight forward. I have a problem in building, =
so the would be my last consideration, all bands if possible but not a =
must. so pse help and un-confuse-me. tks hmmmmm, I really need =
help........73 art w1fji
w1fji@vistech.net

Date: Tue, 23 Jun 1998 13:05:37 -0500
From: Tellefsen Bob-CNSE97 <cnse97@lmpsil02.comm.mot.com>
To: wa7mig@Hevanet.com
Cc: QRP-L list <QRP-L@Lehigh.EDU>
Subject: [13721] Re: Argo noise blanker
Message-ID: <E726B6D1F2C7D1119AB900805FA74B3C6A33A3@s-il02-n.comm.mot.com>
MIME-Version: 1.0
Content-Type: text/plain

Paul:
Another noise reduction dodge you might consider is the use of an
antenna noise cancelling unit. JPS makes one called the ANC-4 and MFJ
has one also. There may be others as well.

The ideal place to get rid of noise is before it enters your receiver.
That's the method used here. A sample of the noise with as little
desired signal as possible is obtained with a noise pickup antenna as
close to the noise source as possible. This way, the smaller the pickup
antenna, the less desired signal is picked up also.

Then the desired signal with some noise comes in from your regular antenna, and the noise sample comes in from the noise pickup antenna. The noise sample is nulled against the desired signal, and much to almost all of the noise is cancelled. This usually involves adjusting noise amplitude and phase (controls on the front of the units) for the most effective null. When it all comes together, it seems like magic.

There have also been a number of articles on building your own. It is not a particularly complicated piece of equipment. The commercial units have a few more bells and whistles, and can be easier to adjust because of that.

A secondary benefit of money spent on a noise cancelling unit, vs a blanker for one rig is that you can use it with any rig you have. I use mine with my Kenwood TS180, my QRP++ and my SW40+. Works like a champ.

Give it some thought.

73, Bob N6WG

Date: Tue, 23 Jun 1998 14:57:06 EDT
From: DENNISMO@aol.com
To: qrp-l@Lehigh.EDU
Subject: [13722] Re: Label removal - another suggestion
Message-ID: <4809e191.358ffa83@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Hi Gang -

I haven't really been following this thread very much but something came to mind this morning. Have you ever had to remove one of those widnshield stickers after they had been on for a year or so? I use to be required to stick a parking pass on my windshield and they were good for one year. The first few stickers were murder to remove. Then I found the answer: Mennen Electric Shave...! What use to take scraping and rubbing for over 30 minuets now takes just a couple of minutes. I use the pre-shave stuf to take off all sorts of labels from glass, plastics, etc. Before you use it, though, test it on a small part of the surface to make sure they are compatible. There - your household hint of the day!

Gud luck es God Bless,

72's de Denny AD6EZ <><
PROMISE KEEPER

FISTS #4570 / QRP-L #1359 / ARCI #9637 / sCQs #44 / 10-X #69158 / Six Club #242
HAMing It Up Everyday In Goleta, CA
Grid: DM04BK / WEB PAGE: http://members.aol.com/dennismo

Date: Tue, 23 Jun 1998 15:15:35 -0500
From: "Richard E. Robinson" <rerobins@email.uncc.edu>
To: mjmanship@iquest.net
Cc: qrp-l@Lehigh.EDU
Subject: [13723] Re: sending signals thru the earth
Message-ID: <v03102803b1b5895c2c82@[152.15.144.42]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Mike Manship wrote:

>The article I remember from the early 60's (I think) in Popular Electronics

I seem to recall this article also. Either in this article or elsewhere, I saw reference to communicating through the ground being "discovered" during trench warfare in WW1. My leaky memory recalls that the allies discovered German phone line conversations could be monitored by driving metal stakes into the ground and connecting headphones. Anyone else remember reading about this?

I hope I'm not remembering an atricle from an old April issue of 73 or CQ.

72/73,

Rick kf4ar

Date: Tue, 23 Jun 1998 14:55:57 -0500
From: Mike Martin <mmartin@netins.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [13724] Re: sending signals thru the earth
Message-ID: <3590084D.827A4F53@netins.net>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Richard E. Robinson wrote:
>
> Mike Manship wrote:
>
> >The article I remember from the early 60's (I think) in Popular Electronics
>
> I seem to recall this article also. Anyone else remember reading
> about this?
>
> I hope I'm not remembering an atricle from an old April issue of 73 or CQ.
>
>
I not only remember the Popular Electronics article, the neighbor kid
and I built the project and tried to use it to talk from his house to
mine, but could never get it work. Of course, we were about 11 at the
time and didn't have all the parts we needed, so we substituted things
we thought might work, ect. Last time I was in the garage at my
mothers, the thing was still sitting on the shelf.

72/73
--
Mike Martin
KA0AMA
http://welcome.to/scaniowa
QRP-L #1506
IAQRP #5
ARS #399
Galesburg, IA
41 33 32N 92 56 46W
If at first you don't succeed, try again. Then quit.
No use being a damn fool about it.

Date: Tue, 23 Jun 1998 13:15:42 +0000
From: Bob Hightower <ki7mn@dancris.com>
To: rerobins@email.uncc.edu
Cc: qrp-l@Lehigh.EDU
Subject: [13725] Re: sending signals thru the earth
Message-ID: <199806232001.NAA25786@user2.dancris.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 03:15 PM 6/23/98 -0500, you wrote:
>Mike Manship wrote:
>
>>The article I remember from the early 60's (I think) in Popular Electronics
>
>I seem to recall this article also. Either in this article or elsewhere, I
>saw reference to communicating through the ground being "discovered" during
>trench warfare in WW1. My leaky memory recalls that the allies discovered
>German phone line conversations could be monitored by driving metal stakes
>into the ground and connecting headphones. Anyone else remember reading
>about this?
>
>I hope I'm not remembering an atricle from an old April issue of 73 or CQ.
>

No, but I remember using 'phantom' circuits with field telephones in the
50's in Germany. We would connect the positive side of one set of phones to
a single wire, the positive side of another set to the other wire in the
pair, and the negative side of all the phones to ground (not polarized,
really, but easier to remember that way), and let the ground complete the
circuit. Could talk for quite a ways this way, and I don't remember any
crosstalk, either.
Bob Hightower KI7MN http://www.dancris.com/~ki7mn

Date: Tue, 23 Jun 1998 16:06:02 -0400
From: "Vincent Ferme" <vferme@sprint.ca>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [13726] Re: sending signals thru the earth
Message-ID: <000a01bd9ee2$59d37630$9b1205d1@frsswilap04284.callnetcanada.com>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I also think there was an article in an April issue but in the mid 80's.

73 de Vince, VE3VFN.

-----Original Message-----
>> I hope I'm not remembering an atricle from an old April issue of 73 or
CQ.

Date: Tue, 23 Jun 1998 15:29:07 -0500
From: Jim <kj5tf@madisoncounty.net>
To: qrp-l@Lehigh.EDU
Subject: [13727] SG2020
Message-ID: <35901013.7505@madisoncounty.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

If this rig really draws 1/2 amp on RX with the backlight turned OFF its
a HOG for QRP TTF, or backpacking. I have an old Kenwood built in the
70's that draws that much on rx! What where they thinking?
Popular as a mobile rig, fine...

Hey, my QRP+ is looking pretty good
now!
Thanks, de Jim, KJ5TF

Date: Tue, 23 Jun 1998 16:28:08 -0500
From: plundy@max.state.ia.us (Paul Lundy)
To: DENNISMO@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [13728] Re: Label removal - another suggestion
Message-ID: <35901DE7.7057FD3C@max.state.ia.us>
MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary="------------87C1EA06BCB7C56AAFEC179E"

--------------87C1EA06BCB7C56AAFEC179E
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

For removing those %#@$$&% labels from vinyl-covered three-ring binders, use a
little (and I mean a little) WD-40. It works, doesn't leave a residual and best
of all does not react with the vinyl (unless you use TOO MUCH). 72/73 Paul, K0LKH

DENNISMO@aol.com wrote:

> Hi Gang -
>

> I haven't really been following this thread very much but something came to
> mind this morning. Have you ever had to remove one of those widnshield
> stickers after they had been on for a year or so? I use to be required to
> stick a parking pass on my windshield and they were good for one year. The
> first few stickers were murder to remove. Then I found the answer: Mennen
> Electric Shave...! What use to take scraping and rubbing for over 30 minuets
> now takes just a couple of minutes. I use the pre-shave stuf to take off all
> sorts of labels from glass, plastics, etc. Before you use it, though, test it
> on a small part of the surface to make sure they are compatible. There - your
> household hint of the day!
>
> Gud luck es God Bless,
>
> 72's de Denny AD6EZ <><
> PROMISE KEEPER
>
> FISTS #4570 / QRP-L #1359 / ARCI #9637 / sCQs #44 / 10-X #69158 / Six Club
> #242
> HAMing It Up Everyday In Goleta, CA
> Grid: DM04BK / WEB PAGE: http://members.aol.com/dennismo

--------------87C1EA06BCB7C56AAFEC179E
Content-Type: text/html; charset=us-ascii
Content-Transfer-Encoding: 7bit

<HTML>
For removing those %#@$$&% labels from vinyl-covered three-ring binders,
use a little (and I mean a little) WD-40. It works, doesn't leave
a residual and best of all does not react with the vinyl (unless you use
<B>TOO MUCH</B>). 72/73 Paul, K0LKH

<P>DENNISMO@aol.com wrote:
<BLOCKQUOTE TYPE=CITE>Hi Gang -

<P>I haven't really been following this thread very much but something
came to

mind this morning. Have you ever had to remove one of those widnshield

stickers after they had been on for a year or so? I use to be
required to

stick a parking pass on my windshield and they were good for one year.
The

first few stickers were murder to remove. Then I found the answer:
Mennen

Electric Shave...! What use to take scraping and rubbing for
over 30 minuets

now takes just a couple of minutes. I use the pre-shave stuf

to take off all

sorts of labels from glass, plastics, etc. Before you use it,
though, test it

on a small part of the surface to make sure they are compatible.
There - your

household hint of the day!

<P>Gud luck es God Bless,

<P>72's de Denny AD6EZ <><

PROMISE KEEPER

<P>FISTS #4570 / QRP-L #1359 / ARCI #9637 / sCQs #44 / 10-X #69158 / Six
Club

#242

HAMing It Up Everyday In Goleta, CA

Grid: DM04BK / WEB PAGE: <A HREF="http://members.aol.com/dennismo">http://
members.aol.com/dennismo</A></BLOCKQUOTE>
 </HTML>

--------------87C1EA06BCB7C56AAFEC179E--

Date: Tue, 23 Jun 1998 16:23:30 -0500
From: Jim <kj5tf@madisoncounty.net>
To: qrp-l@Lehigh.EDU
Subject: [13729] SG2020 vs QRP+ power drain
Message-ID: <35901CD2.77D3@madisoncounty.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

>If this rig really draws 1/2 amp on RX with the backlight turned OFF >its a HOG
for QRP TTF, or backpacking. I have an old Kenwood built in >the 70's that draws
that much on rx!
>What where they thinking?
>Popular as a mobile rig, fine...

>Hey, my QRP+ is looking pretty good !
>Thanks, de Jim, KJ5TF

>Hi Jim... Just out of curiosity-I never measured mine-what does the >QRP+
>draw on rx, playing into a speaker, at reasonable volume? And same
>question, into fones?

OK, I just checked, my QRP+ draws 135ma into the speaker, and 125ma into phones. Pretty much as advertised as I remember..

Just in case, does anyone know of any repair service available for my QRP+ if something goes wrong? So far, so good, de Jim

---

Date: Mon, 22 Jun 1998 18:53:49 -0500
From: nilsbull@juno.com (Nils R Young)
To: n4xy@att.net
Cc: qrp-l@Lehigh.EDU
Subject: [13730] Re: SGC-2020
Message-ID: <19980623.170153.9542.0.nilsbull@juno.com>

To those who care about this stuff:

Back in 1972, after reading adverts in QST from the middle of the Med towards home and even afterwards, I ordered a Ten Tec Argonaut. The early model. Like I think it was called the 510.

I waited about 6 weeks for the thing to show up. It might have been more. I was very impatient and pestered the hell out of the folks at the radio store (which as since gone out of business).

Six weeks, six months, whatever. If you need something so bad that you can't even say nice about what you're trying to get your paws on, then maybe you don't really need it, eh? Kinda like being a junky, I guess.

73
Nils

Nils R. Bull Young
La Estancia de los Guajolotes Sonrientes :: The Grinnin' Turkey Ranch
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http://www.geocities.com/Athens/Olympus/9172

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Date: Tue, 23 Jun 1998 06:11:37 +0100
From: "Bob Duckworth" <wb4mnf@atl.org>
To: "baswaplist" <baswaplist@foothill.net>, "qrp" <qrp-l@Lehigh.EDU>, "vss" <vss@mlist.access.digex.net>
Subject: [13731] Where the (*^&* is bob? Disk crash, 6 mo email lost. Ignore unless wondering.
Message-ID: <199806232143.RAA12385@atl.org>

Every time I read one of these messages I say, not me, I'm backed up.
Ha! Lost mail and managed to mangle backup beyond recovery.
So much for 4mm technology in 90% humidity and 95 degrees (F).

If I'm owing you mail, please remind me with topic.
Mark P. and ?????

-bob
wb4mnf

Date: Tue, 23 Jun 1998 16:19:24 -0600 (CST)
From: "Brian.Buydens@usask.ca" <buydens@duke.usask.ca>
To: "Richard E. Robinson" <rerobins@email.uncc.edu>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [13732] Re: sending signals thru the earth
Message-ID: <Pine.OSF.3.96.980623161001.16289B-100000@duke.usask.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I remember reading a brief discussion of this method of eavesdropping in one of the web pages on low frequency radio. The reason it came up in that setting was that while the allies were listening they kept hearing whistles that went from high to low pitch. They thought they were hearing bombing but it turned out they were listening to Northern Lights (or even Southern lights).

I have a few links on my web page to low frequency radio. One of them might have a discussion of WWI eavesdropping.

Brian.

On Tue, 23 Jun 1998, Richard E. Robinson wrote:

> Mike Manship wrote:
>
> >The article I remember from the early 60's (I think) in Popular Electronics
>

> I seem to recall this article also. Either in this article or elsewhere, I
> saw reference to communicating through the ground being "discovered" during
> trench warfare in WW1. My leaky memory recalls that the allies discovered
> German phone line conversations could be monitored by driving metal stakes
> into the ground and connecting headphones. Anyone else remember reading
> about this?

+---+
| Brian Buydens,   Computing Services, University of Saskatchewan |
| email: Brian.Buydens@usask.ca   http://duke.usask.ca/~buydens |
| VE5RDV |
+---+

| DO NOT ADD ME TO ANY MAILING   No keyboard present |
| LISTS WITHOUT MY CONSENT !!!   Hit F1 to continue |
| Zen engineering? |
+---+

Date: Tue, 23 Jun 1998 17:51:38 -0500 (CDT)
From: jdenison@morelr.com (JOEL DENISON)
To: qrp-l@Lehigh.EDU
Subject: [13733] RE SENDING SIGNALS THRU EARTH
Message-ID: <199806232251.RAA24004@ns1.morelr.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

when the world was young we used earphones and single wire + earth gnd to
play walki talki... don't remember the range we could get... but goood old
louisiana dirt made a good path to the other guy's earphone...
        joel, in maine

God Bless
Joel

WA5CVM   Gentlemen don't Cry, They QSY :-)
Joel Denison   Gentle Lady (RC Sail Plane)(049 engine - start)
PO BOX 542   3 element Half Square on 40mtr Half Square on 30
Strong, Maine 04983   QRP ARCI 4066   NEW ENGLAND QRP 476 QRP-L 765
jdenison@morelr.com   AK/QRP 109

End of QRP-L Digest 1131
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